BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

BID ENQUIRY NO:

BESCOM/2023-24/EL/WORK_INDENT98

BIDDING DOCUMENTS

FOR

Preventive and Breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis.

THIS BID DOCUMENT CONTAINS FOLLOWING VOLUMES:

VOLUME- I **COMMERCIAL REQUIREMENTS**

1. **Section – I** **Invitation For Bids - IFB**
2. **Section – II** **Instruction to Bidders - ITB**
3. **Section – III** **General Terms and Conditions of the Contract - GCC**
4. **Section – IV** **Erection Conditions of Contract - ECC**
5. **Section – V** **Special Conditions of Contract - SCC**
6. **Section – VI** **ANNEXURES - ANNEX**

OTHER VOLUMES CONTAIN THE FOLLOWING:

VOLUME-II **TECHNICAL SPECIFICATIONS**

VOLUME- III **BID PROPOSAL SHEETS**

TECHNO COMMERCIAL SHEETS

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

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Preventive and Breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis.

VOLUME- I

TECHNO COMMERCIAL BID

ISSUED BY
General Manager (Ele.,)
Procurement,
Corporate Office,
BESCOM, K.R. Circle,
Bangalore: 560 001.

Section - I

(Volume –1)

INVITATION FOR BID
(IFB)

SECTION-I - IFB

INVITATION FOR BID

BANGALORE ELECTRICITY SUPPLY COMPANY LIMTED, Corporate Office, K.R. Circle, Bangalore-560 001 invites Electronic Bids from eligible Bidders for the Work mentioned below, under Competitive Bidding for **preventive and breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis** against enquiry number:

BESCOM/2023-24/EL/WORK_INDENT98

1.0 INTRODUCTION:

The General Manager (Ele.,), Procurement, Corporate Office, BESCOM, 4th floor, K.R. Circle, Bangalore-560001 on behalf of Bangalore Electricity Supply Company Limited, invites tender vide Enquiry **No: BESCOM/2023-24/ EL/WORK_INDENT98** in two tender document system (Techno Commercial Bid and Price Bid) through e-procurement portal (www.eproc.karnataka.gov.in) for Preventive and Breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis against enquiry number.

1. Enquiry No.	**BESCOM/2023-24/EL/WORK_INDENT98**

2. Tender processing fee	**Refer e-procurement website www.kppp.karnataka.gov.in**
3. Earnest Money Deposit	**Rs.6,73,000/-**
4. Bid documents available from	**From 25.01.2024 from 16.00 Hours Onwards**
5. Due date for submission of Bids	**14.02.2024 up to 15.00 Hours**
6. Tender System	**Two tender document system**
7. a) Date of opening of Techno commercial bid b) Date of opening of Price Bid	a) **15.02.2024 at 15.15 Hours** b) Will be opened in e-procurement portal after completion of Techno commercial bid evaluation.
8. Name of the Work	Preventive and Breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years
9. No. of RMUs	**1346 Nos.**
10. Period of Contract	**The Contract is valid for a period of 24 months from the date of issue of award and further extendable for one more year based on the performance of the Agency at the discretion of BESCOM.**
11. Price Bid	The Bidders shall quote the item wise unit FORD price / labour charges inclusive of all taxes, duties and statutory charges against each item in the Price Schedule of the e-procurement portal in the option of ''item wise bid commercial offer''.
12. ***Aprox. Amount put to tender***	**Rs.672.84 Lakhs**

1.1 PROJECT DESCRIPTION:

1.1.1 RMUs of different make of about 1346 Nos. are installed in the 11kV distribution network in West Circle area of BESCOM. These RMUs are important and essential equipment in the network. Faults and failure of RMUs will cause undesirable interruptions to significant and large number of consumers connected from the RMUs in the network.

Bangalore Electricity Supply Company Limited (BESCOM) intends to engage Firms to carry out preventive maintenance of RMUs as scheduled as well as breakdown repairs as required in West Circle area of BESCOM. The key objective for engaging is to avoid failure of RMUs with routine scheduled preventive maintenance works and in case of breakdown of RMUs the problems are rectified as soon as possible reducing the down time.

1.1.2 BESCOM intends to appoint experienced Firms for carrying out scheduled Preventive Maintenance and Breakdown Maintenance, works on RMUs as detailed in scope of works for the following Divisions coming under jurisdiction of West circle:

i. Rajajinagar
ii. Rajarajeshwari Nagar
iii. Kengeri

1.1.3 General Statistics

The Division wise quantity of RMU Panel i.e., 3 way RMU Panel or 4 way RMU Panel or 5 way RMU panel etc., of different make installed in West circle area are as below:

Sl. No	**Circle**	**Division**	**Quantity**
1	West	Rajajinagar	305
2		Rajarajeshwari Nagar	749
3		Kengeri	292
Total			**1346**

Note: The quantity mentioned above is only indicative and may vary, as new RMUs are being added to the system. The successful Bidder has to carryout preventive maintenance works to all the RMUs existing in the system.

1.1.4 The contract for RMU maintenance shall be for a period of two years and further extendable for one more year period based on the performance of the Agency at the discretion of BESCOM.

1.1.5 This project envisages to improve the quality of power supply to the consumers and to mitigate the following issues:

- As many as 1346 Nos. of RMUs are existing in West Circle area distribution network, due to continuous operation of the distribution network grid, RMUs which are a part of the grid tend to fail for various reasons, in such a situation power supply is affected to significant and large number of consumers. To arrange the power supply to the affected areas in the minimum possible time, a well established crew is very much necessary to attend such abrupt power supply interruptions.
- For each and every fault that occur in a RMU, it becomes very difficult to find the Manufacturer of RMU and to award the work for attending the trouble in the RMU as it consumes a lot of time in attending the fault.
- As long as the trouble in the RMU is not attended well within the time, revenue from consumers to that extent of period is affected and also the reliability is also affected to that extent of period.

1.2 NATURE OF WORKS:

It is proposed to carry out annual preventive maintenance on all the existing RMUs and breakdown maintenance as and when the breakdown occurs. The successful agency has to carry out both preventive and breakdown maintenance on all type/configuration of RMUs at the accepted rates irrespective of the make of the RMUs.

In the event of minor breakdown and major breakdown the successful agency has to restore the power supply within 6 hours and 24 hours respectively from the time of issuance of Line Clearance by the Field staff.

1.3 PROJECT BENEFITS:

BESCOM has to take up both preventive and breakdown maintenance on all type/configuration of RMUs irrespective of the make of the RMUs in BMAZ area. Many of the breakdown works are unforeseen and some of the breakdown works will have to be taken up at short notice in addition to regular preventive maintenance works.

Benefits are as follows:

- Better quality and reliability of power supply to the consumers.
- During the entire period of the maintenance Contract there will be a uniform fixed item rates across the Circle.
- The repair works can be taken up immediately after the issuance of Line clear for scheduled Preventive Maintenance or whenever breakdown occurs.
- Monitoring of the preventive and breakdown maintenance becomes simpler and easier.
- There will be drastic reduction in power supply interruptions caused due to failure of RMUs.

1.4 SCOPE OF WORK:

The Scope of the work under this tender is **preventive and breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis** which includes spares required for preventive and breakdown maintenance on FOR Destination to Site basis, Transportation, Insurance, Storage, Handling and moving into the final position, Erection /fixing of spares, Testing at Site and commissioning of RMUs / spares after repairs including any other related works.

The salient features of the scope include, but not limited to the following:

a) Overall Project Management of preventive and breakdown maintenance of all makes of DAS and Non DAS RMUs of all configurations in West Circle area of BESCOM for a period of two years on Total Turnkey percentage quoting basis, Coordination.

b) The successful Bidder shall engage sufficient number of RMU Preventive maintenance teams and RMU Breakdown maintenance teams headed by a qualified Engineer having experience in erection & commissioning / repair / rectification of faults in RMUs / 11kV Switchgears and each of these teams shall be assisted by the sufficient number of mechanics / skilled labourers having experience in erection & commissioning / repair / rectification of faults in RMUs / 11kV Switchgears.

c) The successful Bidder shall make necessary vehicle arrangement required for commutation and transportation of men and materials. No separate charges will be paid for this.

d) The successful Bidder shall ensure to complete the preventive maintenance as per schedule and also ensure to attend RMUs breakdown, so that RMUs shall be kept healthy all the times.

e) The Bidder shall ensure a minimum gap of 8 months between 2 cycles of preventive maintenance so as to cover all the RMUs existing in field.

f) The successful Bidder shall ensure availability of sufficient spare parts of all makes of RMUs at all the times.

g) In the event of any interruption of supply, consequent to the trouble in the RMU, the successful Bidder shall take necessary measures to repair the RMU immediately and to restore the power supply within 6/24 hours from the time of issuance of Line Clearance by field staff for minor/major breakdowns.

h) The successful Bidder shall establish a site store at his own cost where the RMUs spare parts are stored, which are readily available for the repair / rectification of faults in the RMU.

i) RMU’s shall be taken up for annual preventive maintenance as defined below:

   i. All the RMUs existing in the field shall be cleaned and kept neat ensuring that it is vermin proof.
   ii. Checking for mechanical and electrical operation of opening and closing of Circuit Breaker and repair if needed.
   iii. Mechanical Critical setting and adjustment shall be done.
   iv. Lubrication of mechanical critical part of circuit breaker.

v. Lubrication of spring charging mechanism.
vi. Alignment of doors.
vii. Checking of operation and Physical healthiness of switches, Indication Lamps, auxiliary relays, meters etc.,
viii. Inspection of closing & tripping coil condition and gap setting, to replace in case of fault.
ix. Visual Inspection for wear & tear and rectify, if any.
x. Check to know whether there are any loose contacts leading to hot spots and rectify if any.
xi. Test insulation resistance – using 5kV Megger
xii. Measurement of Earth resistance.
xiii. The insulators should be checked with relevant instrument.
xiv. Sensitivity of relays to be ensured duly taking inputs from field staff as required and measurement of operating time.
xv. Any defects identified during inspection or any other maintenance works as suggested by the Engineer in charge shall be taken up on priority.

j) The Project Manager of the Bidder is the single point of contact between Bidder and BESCOM, who has to arrange the teams for preventive maintenance and break down maintenance in coordination with BESCOM officials.

k) The line clears required for carrying out the preventive maintenance on RMUs are to be planned, well in advance under the chairmanship of Executive Engineer of the concerned O&M Division in consultation with the Project Manager and the Assistant Executive Engineer/Assistant Engineer of the concerned Sub-Divisions. The field officers should ensure to complete annual maintenance of all the RMU's existing in field by arranging the required Line Clear. The Agency shall not be made responsible for non-issuance of line clears on time.

l) The successful Bidder shall ensure proper earthing of RMUs and proper earthing needs to be provided to the RMUs, wherever required.

m) The successful Bidder shall detect the leakage of SF6 gas with their own equipments, the SF6 gas levels should be checked if the gas pressure is within the permissible limits. If required, topping up of SF 6

GAS should be done up to the required level. If pressure of SF6 gas is not maintained even after topping up, then problem might be due to faulty manometer or due to cracks in the SF6 gas tank. Then such cases are to be considered under breakdown maintenance and fault is to be rectified using required spares.

n) **Consumables** includes Connecting wires, Washers, bushing studs, Bolts & Nuts, Grease, terminal Block, lugs, ferrules, cable glands **and minor spares** includes Tripping coils, closing coils, terminal coils, switches, indicating lamps/switches, push buttons, operating handles/spring charging handle, shafts, Operating counter, MCBs, Fuses, Panel Lamps, metering CT brackets, Door limit switch/limit switch, power sockets, over current coils, indication plate, spring charge/ mechanical indicator, ON/OFF indicators, Door shock absorbers, coil mounting plates, surge arrestor, pressure switch, panel lock etc., The Bidder should quote cost towards consumables and minor spares and this cost is to be claimed once annually whenever the preventive maintenance is carried out on the RMU and the Bidder has to provide these consumables / minor spare parts without any extra cost irrespective of number of replacements annually, even if provided during breakdown maintenance.

o) The successful Bidder shall maintain the aesthetic of RMU by applying 2 coats of good quality Synthetic enamel paint after cleaning and scrapping the surface at places in flashover RMUs. The details and literature of various components of the RMU's shall be provided to the General Manager (Ele.,), Procurement, the Superintending Engineer(Ele.,), C, O&M West Circle, BESCOM and the Executive Engineer (Ele.,), O&M/MT Division, **BMASZ**.

p) The drawings & GTP of all the equipments/materials / spare parts to be supplied as per standard specifications shall be submitted by the successful Bidder for approval from the competent authorities of BESCOM.

q) The successful Bidder shall procure and supply all the materials from the BESCOM approved vendors / OEM of RMUs as per IS/IEC/BESCOM approved specifications.

r) Any injury or loss to the life of human being/animals or damages to any Government/private property during the execution of work shall be on the account of successful Bidder and has to make good the damages, claims arising out of injury or loss to the life or damages shall have to be borne and settled by the successful Bidder.

s) It is the responsibility of the successful Bidder to carry out work in safe manner and at most utilization of safety equipment's.

t) The successful Bidder has to abide by the prevailing standard safety policy.

u) The Working area shall be barricaded properly with MS barricading sheets. This is required for the safety of the traffic and the pedestrians. The successful Biddershall be the responsible for any mishap which may occur on account of its not taking necessary precautionary measures. The barricades shall be fixed at work place before execution of the work. Required information regarding the work as specified shall be written on these barricading sheets.

v) All the necessary equipments/materials shall be supplied by the awarded agency in accordance to the requirement of the work from time to time.

w) The payment will be made only for the quantity used.

x) The equipments / materials supplied by the successful agency should be guaranteed for satisfactory performance as per the Guarantee Clause 15 of Section GCC i.e., **The guarantee for the spares utilized shall be for a period of 12 (twelve) months from the date of commissioning of the material.**

y) All the equipments / materials / relevant IS/IEC Standards and the type test certificates should not be older than 5 years on the date of supply.

z) All the materials / spare parts required for replacement purpose shall be sourced by the successful Bidder himself.

aa) The components/spare parts replaced shall be of same make and specification. If the components/spare parts are not available, then prior approval from the General Manager (Ele.,), Procurement, BESCOM shall be obtained before replacing.

bb) The Schedule of materials furnished in the Price schedule are indicative for nature of preventive / breakdown maintenance works, it shall not be presumed that only these indicative materials are only to be supplied and utilized for the maintenance of RMUs. The estimates shall be prepared in most economical and safe way of executing the preventive / breakdown maintenance works as per the prevailing standards and any deviation from the standard practice; necessary approval from competent authority is to be obtained.

cc) Inspection call letter for the materials to be sourced from the manufacturers/BESCOM approved vendors shall be given to The General Manager (Ele.,), Procurement, BESCOM, who in turn shall arrange to get the spare parts materials inspected at the OEMs/site stores and on acceptance of the materials, dispatch instructions will be issued so that materials/ spare parts are procured and stored at the site stores of the Bidder.

dd) After inspecting the failed RMU the Engineer in charge in coordination with team head has to decide if the breakdown is major or minor and the breakdown maintenance team shall immediately rectify fault within 6/24 hours from the receipt of line clear.

ee) Any other items of work not specifically mentioned, but which are essentially required for satisfactory performance & completeness of the maintenance contract / works shall be deemed to be included in the scope of works and the same shall be executed/carried out by the successful Bidder.

ff) The successful Biddershall arrange for operational tools and tackles at his own cost.

gg) If any of the spare parts /components replaced during the Preventive/ Breakdown maintenance of RMUs, fails within the guarantee period then such shall be replaced at free of cost by the selected Bidder and if the breakdown of RMU happened due to the failure of component/ spare parts replaced during the Preventive/ Breakdown maintenance of RMUs then in that case Breakdown maintenance charges will not be claimed by the Agency as the fault was due to the poor workmanship or poor quality of the spares used by the Agency.

1.5 Rates for awarding the Contract:

i) This is a Rate Contract. The amount put to tender is the approximate cost of preventive and breakdown maintenance to be incurred in West Circle area during the contractual period.

ii) Any other Electrical and/or civil works including supply and erection/repair which are not included in the award but are necessary to complete the work shall be executed by the successful Agency on recommendation of the Engineer-in-charge as well as approval from the competent authority at prevailing Schedule of Material / Labour rate (Including loading factors + approved tender premium) and shall be considered to be included in the scope of the work. If the SR rate is not available, then mutually agreed rate shall be considered.

iii) The Bidders shall quote per RMU preventive / breakdown maintenance charges irrespective of configuration of RMU i.e., the rates quoted for preventive / breakdown maintenance of 3 Way, 4 Way, 5 Way etc., are same.

However, while making payment for the preventive / breakdown maintenance carried out on 1 OD or 2 OD's, the approved Per Panel RMU preventive / breakdown maintenance charges is to be multiplied by 1/3rdin case of 1 OD's and to be multiplied by 2/3rd in case of 2 OD's.

iv) Individual feeder wise / Section wise work award will be issued to the successful agency by the Executive Engineer (Ele.,) of respective C, O&M Division. The same should be issued by 7th of every month.

v) The work awards/orders will be issued by the concerned Executive Engineer of the Division, BESCOM, as per schedule to carry out preventive maintenance and as per requirement whenever there is breakdown of RMU using the rates as per schedule to the successful Bidder.

vi) The sum of the individual awards of the RMUs maintenance contract award is limited to total awarded cost of the maintenance contract.

2.0 The interested Bidders may obtain further information from the office of the **General Manager (Ele.,), Procurement, 4th floor, 2nd Block, Corporate Office, BESCOM, K.R. Circle, Bangalore - 560 001**. Issues on which clarifications are sought by the Prospective Bidders shall be submitted in writing to the **General Manager (Ele.,), Procurement**, 4th Floor, 2nd Block, Corporate Office, BESCOM, K.R. Circle, Bangalore - 560 001 on or before the **02.02.2024 @ 10:30 Hrs**. **Letters seeking clarifications received subsequent to THE ABOVE date will not be entertained.** Interested Bidders may also submit online queries through the e-procurement portal **ON OR BEFORE 02.02.2024 @ 10:30 Hrs**.

The Pre bid meeting is convened on 02.02.2024 @ 11.00 Hrs at "O/o the general Manager (Ele.,), Procurement, 4th Floor, Corporate office, BESCOM, K. R Circle, Bengaluru-560001. Aspirant Bidders may attend the meeting for any clarification.

2.1 The queries shall be dealt in the pre-bid meeting. Based on the outcome of the pre-bid meeting at any time prior to the deadline for submission of the bid (technical and financial proposals) or extended date, if deemed necessary, BESCOM reserves the right to add/modify/ delete any portion of this document by issuing an addendum or Corrigendum or clarification and they shall form part of original tender document. These addendum or Corrigendum or clarification will be uploaded in e-procurement portal and such amendment will be binding on the Bidders.

3.0 As stated in Clause 1.0 supra, the Bids are invited and to be submitted through electronic mode i.e., through e-procurement portal only. The Bid Notification, Bidding Documents along with materials specifications & Drawings are available on website **https://kppp.karnataka.gov.in.** The Bidders can download the tender documents from the e-procurement/KPP portal (www.kppp.karnataka.gov.in) from **25.01.2024 onwards at free of cost**, last date & time for submission of Bid **14.02.2024 at 15:00 Hrs** and the techno-commercial bid will be

opened on **15.02.2024 at 15.15 Hrs.** In addition, when submitting bids via the KPP portal, an e-procurement tender processing fee must be paid on the KPP portal **https://kppp.karnataka.gov.in.**

4.0 Tender Processing Fee and Bid Security (Earnest Money Deposit):

4.1 Tender processing Fee means the non-refundable fee specified by the competent authority (e-Governance) to be paid by the individual Bidder for participation in tenders floated on the Karnataka Public procurement portal

4.2 Earnest Money Deposit (EMD) of **Rs.6,73,000/-** is to be paid being 1% of the value of the Tender amount as follows:

I. **Rs.6,73,000/-** through KPP Portal schedule of items online through the KPP portal of Government of Karnataka using any of the following payment modes:-

i. Credit Card
ii. Direct Debit
iii. National Electronic Fund Transfer (NEFT)
iv. Over the Counter (OTC)
v. Online Transfer

II. If the EMD Exceeds Rs.10.00 Lakhs, Rs.10.00 Lakhs shall be paid online on KPP portal and the balance shall be submitted in the form of Bank Guarantee drawn from any Nationalized/scheduled bank in favour of General Manager (Ele.,), Procurement, BESCOM, Bengaluru and is valid for 30 days beyond the period of validity for the Bid i.e. (180+30=210) days from the date of Bidding.

Important Note: *The scanned copy of Bank Guarantee shall be uploaded along with the other documents provided in the "Upload Documents" Link and the original Bank Guarantee which has been uploaded shall be sealed and superscribed with the Bid Enquiry No. EMD Amount and Due Date of opening on the bids and must be submitted at the office of the General*

Manager, Procurement, 4th floor, Block-II, Corporate office, BESCOM, K.R. Circle, Bengaluru on or before the last date and time of bid submission.

4.3 The Bidder will be suspended/ debarred from participating in the future tenders called by BESCOM and blacklisted for a period of one year from the date of default:

i. If a Bidder withdraws / modifies its bid during the period of bid validity specified by the Bidder on the Bid Form;
ii. In case of a successful Bidder , if the Bidder fails to sign the Contract;
iii. In case of a successful Bidder, if the Bidder fails to furnish the Security Deposit/Performance Guarantee.

4.4 **E-payment mode for Tender Processing Fee shall be made through any of the following modes of e-Payment**.

- Credit Card/ Debit card
- Net Banking
- NEFT / RTGS
- Over-the-Counter (OTC)
- IMPS

NOTE: - Tender Processing Fee payment at KPP portal is through bank gateway as indicated in the e-portal.

For further clarification, contact E-procurement/KPP portal.

E-procurement/KPP Help Desk: Phone No: +91-8046010000, +91-8068948777, E-mail: **support@eprochelpdesk.com**

Note: In e-Procurement Portal, Contractor has the option of withdrawing the Bid by digitally signing to withdraw/cancel bid before the bid submission time /Date

5.1 (a) Bids shall be submitted in two parts viz.,
(1) Techno -Commercial Bid and
(2) Price Bid, both on Electronic document Mode.

Manual bids will not be accepted.

(b)Separate document Files have been specifically created for uploading the qualifying documents such as:

i. Valid Class-1/Super grade Electrical Contractor's license issued by Electrical Inspectorate, GOK
ii. Detailed Work Award, Completion certificate and Performance Certificates.
iii. Works on Hand i.e., existing commitments and on-going works to be completed during the next two years.
iv. Power of Attorney in favor individual to sign the tender documents in case of Partnership firm/company registered under companies act,
v. Audited financial statements (Audited Profit & Loss Statements & the Balance sheets).
vi. Liquid Assets details.
vii. Certificate of Incorporation/Memorandum of Association/ Articles of Association of the company in case of Registered Companies under companies act/ Partnership deed in case of Partnership Firm.
viii. GST registration with GSTIN number, PAN number, Labour license, ESI/EPF registration.
ix. Letter of Undertaking, techno-commercial sheets, Self-declarations etc.
x. Any other required documents as per the qualifying requirements, terms and conditions of the tender.

These Qualifying documents are to be uploaded to the respective files only, IF ANY OF DOCUMENTS ARE UPLOADED TO THE FILE OTHER THAN THE SPECIFIED FILES, SUCH DOCUEMNTS WILL NOT BE CONSIDERERD FOR EVALUATION. If any of the points are not applicable to a particular Bidder, then such Bidders have to upload a document stating "Not Applicable". The other documents if any which needs to be uploaded by the Bidder for which no specific files have been created to substantiate or to meet the requirements of the Bids, such additional documents may be uploaded in the folder named as "additional documents" in the e-procurement portal.

6.0 Bidders can upload the bids on to e-procurement portal **before 15:00 Hrs of IST on 14.02.2024.**

7.0 The Techno-Commercial Bids will be opened **at 15:15Hrs of IST on 15.02.2024.**

8.0 The Price Bids of those Bidders whose Techno-Commercial Bids are found **Responsive,** will be opened at a later date in the e-procurement portal and no separate intimation will be communicated.

NOTE: The Price Bids of Non - Responsive Bidders will not be opened.

9.0 The Bidders shall provide proof of their credentials in support of their Technical capacity, Financial Strength and Past Experience. All Certificates in connection to the works shall be issued by an officer not below the rank of Executive Engineer/DGM of the concerned utilities duly mentioning the quantum of works, value of award, place of work, DWA reference, date of completion & commissioned. All certificates will be authenticated from the issued authority, if required.

10.0 Bangalore Electricity Supply Company Limited takes no responsibility for delay, due to any cyber or any other computer related problems or postal delay. Further, BESCOM reserves the right to reject any or all the Bids without assigning any reasons thereof and shall bear no liability whatsoever consequent upon such a decision.

The Bidder is required to ensure browser compatibility of the computer well in advance to the last date and time for receipt of tenders. The department shall not be responsible for non-accessibility of e-procurement portal due to internet connectivity issues and technical glitches.

11.0 QUALIFYING REQUIREMENTS:

The essential minimum qualifying requirements are as under:

QR No.	Qualifying Requirement	Documents to be uploaded
I .Technical Criteria:		
1	The Bidder should be a registered Proprietorship Firm or a Partnership Firm or a Registered Company incorporated under Companies Act 1956/2013.	Scanned copy of GST or PAN registration in case of proprietorship firm/ Partnership deed in case of Partnership Firm/ Certificate of Incorporation in case of Registered Company is to be uploaded.
2	The Bidder should have minimum 3 (three) years' experience in repair and Maintenance of RMUs in ESCOMs/Govt. Electrical Utilities as on the date of bid submission.	Scanned copy of Work award /Purchase order copies shall be uploaded.
3	The Bidder should possess a valid Super Grade/Class-1 Electrical Contractors License issued by Electrical Inspectorate, Government of Karnataka as on the date of Bid Submission.	Scanned copy of Valid Super Grade/Class-1 Electrical Contractors License shall be uploaded.
4	The Bidder should have satisfactorily completed at least One Electrical work for not less than **50% of the Amount Put to Tender** in ESCOMs/Govt. Electrical Utilities in any one year of the preceding 3 (Three) Years (FY 2020-21, 2021-22 & 2022-23) as on the date of Bid Submission. **Note:** The value of the completed works shall be given a weightage of 10% per year to bring them to the price level of the FY in which the tenders are invited.	Scanned copy of the Satisfactory work completion certificate issued by an officer not below the rank of Executive Engineer or equivalent of ESCOMs/Govt. Electrical Utilities shall be uploaded.

QR No.	Qualifying Requirement	Documents to be uploaded
5	The Bidder should have successfully executed the work of Maintenance of different makes of RMUs for a minimum of **40% of the proposed RMUs in similar nature of tendered work** in any one year of the preceeding 3 (three) years in ESCOMs/Govt. Electrical Utilities/PSUs as a prime contractor, as on date of bid submission.	Scanned copy of the satisfactory Work completion certificate duly indicating the number of RMUs maintained, issued by an officer not below the rank of Executive Engineer or equivalent officer of the concerned ESCOMs/ Govt. Utilities/PSUs shall be uploaded.
II. Financial Criteria:		
6	The Annual Turnover of the Bidder in at least two financial years should not be less than the amount put to tender in any of the previous five financial years (i.e., FY 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23). **Note:** The previous year's turnover of the Bidder is updated to the FY in which the tenders are invited. Financial turnover of previous years shall be given a weightage of 10% per year to bring them to the price level of the FY in which the tenders are invited.	Certified copies of audited financial statements such as P&L statement, Balance sheets for the (FY 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23) shall be uploaded.
7	The Liquid Assets as on **31.12.2023** of or at a later date before submission of the bid consisting of Cash at Bank + Term Deposits + availability of fund based credit facility in any Nationalized/ scheduled commercial Bank shall not be lesser than **12.5%** of the amount put to tender.	The details shall be supported by a certificate issued by any Nationalized/ Scheduled Commercial Bank with whom the Bidder is having banking facilities. In case of Fund based credit facility, the certificate should have the sanctioned limits, funds utilized so far and balance available as on **31.12.2023** or at a later date, before submission of the bid shall be uploaded. If the Bidder has banking with more than one Bank, then the available liquid assets balance on a particular date & time i.e., as on **31.12.2023** or any date before submission of bids shall

QR No.	Qualifying Requirement	Documents to be uploaded
		be the same date for all the banks along with bank Statements for the same date & time.
8	Bidder who meets the above criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under: Assessed available tender capacity = (A*N*1.5-B) Where, A= Maximum value of works executed in any one year during the last five years (updated to FY 2023-24 price level), taking into account the completed as well as works in progress. N= Number of years prescribed for completion of the works for which tenders are invited. B= Value, at FY-2023-24 price level, of existing commitments and on-going works to be completed during the next 24 months **Note:** The previous years' turnover of the Bidder is updated to the FY in which the tenders are invited. The value of the completed works shall be given a weightage of 10% per year to bring them to the price level of the FY in which the tenders are invited.	The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works as per the format prescribed in the Techno-Commercial sheet shall be uploaded. The Bidder shall note that the value of pendency of work should be considered based on financial progress achieved in the particular work as on the date of bid submission. The statement should be certified by an officer, not below the rank of Executive Engineer.
III	**General Criteria**	

QR No.	Qualifying Requirement	Documents to be uploaded
9	The Bidders can be disqualified if the Bidder is **Black-Listed** by any Public Electrical Utility/Govt. utility as on the date of bid submission.	Scanned copy of Self-declaration in the prescribed format on notarized Rs.200/- stamp paper shall be uploaded.
10	The Bidder can be disqualified if the Bidder have **Defaulted/short closed** due to non-performance in execution of works against the order placed any Public Electrical Utility/Govt. utility as on date of bid submission.	Scanned copy of Self-declaration in the prescribed format on notarized Rs.200/- stamp paper shall be uploaded.
11	Even though the Bidders meet the above criteria, they can be disqualified if the Bidder i. has made misleading or false representations in the forms, statements and attachments. ii. has record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; iii. has participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.	Scanned copy of Self-declaration in the prescribed format on notarized Rs.200/- stamp paper shall be uploaded.
12	**Litigation History**: The Bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the preceding five years, A consistent history of awards involving litigation against the Bidder or any partner of Joint Venture may result in rejection of Bid.	Scanned copy of Self-declaration in the prescribed format on notarized Rs.200/- stamp paper shall be uploaded.
13	Any Bidder from a country which shares a land with India will be eligible to bid in this tender only if the Bidder is	Registration certificate issued by the competent authority shall be uploaded.

QR No.	Qualifying Requirement	Documents to be uploaded
	registered with the Competent Authority of India. (as per the Govt. order No. FD 455 Exp-12/2020 dated:25.08.2020)	
14	A certificate for having read the clauses is required to be submitted/uploaded by the tenderer separately as below: I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this Bidder fulfills all requirements in this regard and is eligible to be considered.	Scanned copy of Self-declaration in the prescribed format on notarized Rs.200/- stamp paper shall be uploaded.
15	The Bidder should have a functional office located in Bengaluru.	Scanned copy of Self-declaration mentioning the complete office address and contact details with documentary proofs shall be uploaded.

11.3 GENERAL:

If the information furnished by the Bidder / Bidders found to be false at any stage of tendering / execution, then the BESCOM will take action against such Bidder / Bidders. If false information is found at the Tendering stage, BESCOM will forfeit the EMD paid, disqualify the offer of such Bidder and Black list the Firm. If false information is found at execution stage, then BESCOM will cancel the works awarded, forfeit the Bank Guarantee furnished against the performance of the contract, Black list the Firm, besides initiating action for recovery of excess money paid by BESCOM if any after getting the works executed from other contractors, levy liquidated damages etc.,

12.0 QUALIFYING REQUIREMENT OF MANUFACTURER OF EQUIPMENTS / MATERIALS TO BE SUPPLIED BY THE CONTRACTOR:

a) **The successful Bidder shall procure and supply of all the materials under the scope of the contract from the BESCOM approved vendors as per IS/IEC/BESCOM specifications.**

Present list of approved vendors for various materials/ Equipments are available in the BESCOM website.

Website – www.bescom.karnataka.gov.in, with hyperlink: Quality standards and safety → vendors → List of vendors.

(OR)

b) **In case successful Bidder desires to procure any Equipments/Materials from any Vendors other than the Approved Vendors of BESCOM, then such vendor has to get vendor approval from BESCOM. The criteria for vendor approval are uploaded in the BESCOM website**.

Website – – www.bescom.karnataka.gov., with hyperlink: Quality standards and safety → vendors → Procedure → New Vendors.

c) **Project specific vendor approval will not be entertained**. Only in cases where approved vendors are not available for any specific material/ equipment, then request for project specific vendor approval will be considered in which case successful Bidder desiring to procure any Equipments/Materials from such Sub Vendors, shall furnish all the Credentials such as Type test Certificates, details of Past Supplies, Performance Certificates from the End Users etc as required as per **criteria for vendor approval uploaded in the BESCOM website** to this office for examination and to convey the necessary competent approval.

d) The successful Bidder shall submit letter of **"inspection call"** to the office of the **General Manager (Ele.,), Procurement, BESCOM.**

13.0 CONTRACT PERIOD:

13.1 The preventive / breakdown maintenance Contract is valid for a period of 24 months from the date issue of Contract Award and further extendable for one more year based on the performance of the Agency at the discretion of BESCOM.

13.2 **COMMISSIONING PERIOD:** Even though the preventive / breakdown maintenance Contract is valid for a period of 24 months from the date issue of award, the maintenance period for each of the individual preventive maintenance works will be indicated in the individual award/order by the concerned Executive Engineer and entire assigned work shall be completed within time period indicated in the individual award / order irrespective of MONSOON PERIOD.

However, irrespective of maintenance period mentioned in the individual award, it is the responsibility of the Agency to complete the annual preventive maintenance on all the RMUs and to complete the RMU breakdown repairs / rectification within 6/24 hours from the intimation of line clear for faults in the RMU.

14.0 MODE OF AWARDING:

14.1 The **concerned Executive Engineers of the C, O&M Division will issue necessary Work Award/orders on priority wise for individual works** at the **approved unit rate** as per the terms and conditions of the **RMUs preventive / breakdown maintenance** Contract duly indicating the period of completion for each work award/orders.

15.0 Before Bidding for the above works, the Bidder shall fully familiarize himself with the site conditions and general arrangements, etc. though the BESCOM shall endeavor to provide the information, it shall not be binding for BESCOM to provide the same. The Bidders are advised to visit the Site and acquaint themselves with the Topography, infrastructure, and Design Philosophy. The Bidders shall be fully responsible for providing all Equipment's, Materials, System and Services specified in their Scope or otherwise which are required to

complete the the work in all respects in this Tender. Non- familiarity with the site conditions will not be considered for extra Claims and for not carrying out the Work in strict conformity with the scope.

16.0 Notwithstanding anything stated above or elsewhere in the Tender specifications, BESCOM reserves right to assess the Capability/ suitability of the Bidder to perform the overall Contract should the circumstances warrant such assessment in the overall interest of BESCOM.

17.0 BESCOM reserves the right to cancel or withdraw the bid at any juncture without assigning any reason for such decision. Such decision will not incur any liability whatsoever on the part of BESCOM consequently.

Sd/-
General Manager (Ele.,),
Procurement, BESCOM